

CROSSFIELD CHRONICLE

VOLUME II — No. 31

CROSSFIELD, ALBERTA — FRIDAY, SEPTEMBER 7th, 1945

\$1.50 a Year

TEST DRILLING FOR OIL

The announcement Tuesday that Imperial and Anglo-Canadian had spudded a well north of Calgary created considerable interest. The well, Imperial Anglo, Crossfield 1, will test a fold mapped by a recent seismicographic survey. It is located six miles southwest of Crossfield and about 20 miles north of Calgary's western city limits. Anglo has a third interest in it. Imperial two-thirds. They hold a 190,000 acre block. They expect to reach the Madison at 7,500 to 8,000 feet.

1 used 31 R.D. International Combine complete with pick-up. This is a 12 ft. machine and is ready to go in the field. If interested, come and see it at once as we will not have it long.

1 No. 11 16 ft. Combine and pick-up. This is an old machine but will still do good work and is priced right.

2 McCormick-Deering Binders, 8 ft. in working condition and good for years of service. Each \$150.00

We also have two New 7 ft. Binders that can be purchased by permit holders.

William Laut
The International Man

VALUABLE CAR STOLEN

Frank Jeannot's car a special Ford de luxe coupe was stolen on Friday at 6 p.m. from in front of the Victoria Hotel. Frank had just filled the car with gas at the Central Garage and had driven up and parked in front of the hotel. The car was seen shortly after by Albert Alm proceeding east of town at a high rate of speed. The license of the black coupe is 62101 and is in excellent condition with new tires and a new engine recently installed and is equipped with radio. In the car were a number of electricians tools.

May Shoot Ducks Damaging Crops

Farmers, or persons designated by them, may shoot ducks causing damage to crops before the season opens, and without first obtaining a license. Then Kjar, provincial inspector, announced recently. Reports indicate that severe damage is being done to standing crops by the birds. If the farmer is not able to kill the birds himself, he may appoint a hunter to do the shooting for him in the fields where the ducks are causing damage. The hunters must first obtain a written permission from the farmer.

BETTY HUSTON OF CROSSFIELD LEADS IN CARNIVAL QUEEN CONTEST

Following is the standing of the Olds Elks Carnival Queen Contest to be held in connection with their annual Carnival on Thursday, Friday, and Saturday, Sept. 20, 21, 22.

BETTY HUSTON 601,000 Votes
EDNA WHITE 482,500 Votes
VIOLE ZIMMERMAN 367,000 Votes
LOIS ROLLANS 150,000 Votes

The above is the official standing as compiled by E. O. Sondergaard, Secretary of the contest and is up to and including Wednesday, Sept. 5th. It is not necessary for ticket purchasers to be present to win any of the valuable prizes to be drawn for nightly at the Carnival.

Death of Douglas Bills

Douglas Bills, 84, former resident of Crossfield, died Wednesday in the Hanna hospital. Mr. Bills was born in Inkster, Mich. He moved to Crossfield in 1918 and farmed there until 1925 when he retired and moved to Van Nuys, California. Since moving to Van Nuys he had paid frequent return visits to the Crossfield district. His wife died in California in April, 1944.

Surviving are two daughters, Mrs. M. Dolick, North Hollywood; Mrs. S. Boyl of Burbank, Calif.; three sons Everett, Orval and Russell, all of Crossfield; 14 grandchildren; two great-grandchildren; one sister, Mrs. Elsie Baird, Detroit.

Rev. J. W. Howe conducted the funeral services in the Crossfield United Church on Sunday, and the remains were forwarded to Glendale, Calif., for interment.

Palbearers: Wm. Laut, C. Havens, N. Petersen, Ed. Meyers, W. H. Miller and Wilson Stafford. Mr. S. B. Tilley and Mrs. Garnet O'Neill sang "The Old Rugged Cross".

EVERETT BILLS DELIVERS FIRST WHEAT

Everett Bills delivered the first wheat of the 1945 crop to the Alberta Wheat Pool elevator on Thursday. The grade was 2 and it was running 30 bushels to the acre.

Mr. and Mrs. W. A. Hurt and family spent the long week-end at Okotoks visiting Mrs. Hurt senior and other relatives.

LOCAL NEWS

A. W. Wray, M.L.A. was a visitor in town on Saturday last.

Mrs. J. Howey and son are visiting in the city this week.

M. R. Parsons of Calgary was a visitor here over the week-end and was the guest of Mr. and Mrs. J. Bellshaw.

R. T. Amery shipped in 450 head of cows and calves from the southern parts of the province on Sunday.

Leonard Beddoes and family have moved into the house recently vacated by Mr. F. Amussen.

School opens Monday morning and despite the shortage of teachers a full staff has been secured for our local school.

Mrs. Hector MacDonald who has been visiting her mother in Walla Walla, Wash. returned last month arrived home Thursday morning.

Mrs. S. Simpson moved into the house on Nanton Street on Monday of this week recently occupied by Mr. and Mrs. Boddington who move to Vancouver.

Margaret Wickerson is back at her old desk in the Bank of Commerce, while Viola Kinsey is taking her holidays.

Mrs. Amussen who has sold her house in town left for Calgary Thursday where she will make her future home having bought a home in the city.

Most of the population of Crossfield went somewhere or other over the Labor Day week-end. Calgary, Banff, and Sylvan Lake amongst places saw visitors from here.

Crossfield can well feel proud of the cemetery. We have it on good authority that it is one of the best kept cemeteries in the province.

Charlie Smith is visiting his grandparents at Creston and expects to return with grandfather J. R. Laut who is coming here to help the boys with the harvest.

The village is beginning to get a touch of oil well fever, what with the crews boarding in town and the truck loads of material passing thru. No need to say how much everyone wishes there is oil there.

A new cement sidewalk has been laid from the United Church for a block north to Sid Willis' corner, and it is expected that quite a number of squares will be put in on the front street shortly.

We have a few birthday celebrants on our list this week. Clarence Richardson celebrates on the 8th; Vera Brown on the 10th; Bert Hoover and Walter Hurt on the 12th; Lorne Patmore on the 13th and D. Ona on the 14th.

A doubleheader ball game will be played on the Fair ground at Crossfield on Sunday, September 9th between Crossfield and McAviney, Calgary. First game at 1:30, second at 6 p.m. Come and see some real ball.

Mrs. Levi Smith and son Willard returned from Creston, B.C. on Sunday and brought back the good wishes of Mr. and Mrs. J. R. Laut and Mr. and Mrs. Homer Mitchen who now reside at that point, and wish to be remembered to all their friends.

Harvesting is now in full swing in the east district, and given fine weather the west will be at it although the crops there have taken quite a beating from several hail storms and several nights of frost. Conditions are ideal just now and given a break a fair crop will be harvested.

Mr. and Mrs. H. May accompanied Mr. and Mrs. Roy Shenfield and Billy Grant to Banff over the long week-end. It took Harry well over thirty years to get to Banff for the first time, so no one should begrudge him the trip even though it means very little news this week.

Among those from outside points attending the funeral services for the late Douglas Bills on Sunday were: Mr. and Mrs. A. E. Cohn, Calgary; the Slomp family from Scapa and Fleet; Mr. and Mrs. D. Miller, of Irricana; Mr. and Mrs. W. H. Miller, Olds.

The only part of the Victory Celebration held last Thursday that could be called a success was the dance at night. Owing to the threat of rain all forenoon the band was cancelled, and with only a small crowd on hand in the afternoon the youngsters were treated to a free ice cream to take the place of the races. The dance was well attended and the young folks seemed to enjoy it.

The Decoration Day services held at the cemetery on Sunday brought out a good crowd and there was lots of flowers to decorate practically every grave there. The service was opened by Oddfellows and Rebekahs led by Grandmaster C. Fox and Rev. J. V. Howey carried on for the Canadian Legion. Several favorable comments were heard on the very neat and tidy appearance of the cemetery.

The Women's Guild of the Anglican Church held a surprise party at the home of Mrs. Sid Jones on Tuesday evening in honor of Mrs. F. Amussen, who is leaving to take up residence in Calgary. Quite a number were present and the guest of honor was presented with a small gift as a token of the respect of her fellow members and friends.

Crossfield Machine Works

W. A. Hurt : Prop.
Welding — Magneto — Radiators
John Deere Farm Implements
Elephant Brand Fertilizer
PHONE 22
Crossfield

"Star Spangled Rhythm"

Starring: Bing Crosby, Bob Hope, Fred McMurray, Franchot Tone, Ray Milland, Victor Moore, Dorothy Lamour, Paulette Goddard, Mary Martin, Dick Powell, Betty Hutton, Eddie Bracken, Veronica Lake, Alan Ladd, Rochester and Ginger Rogers.

Showing in the Crossfield U.F.A.

Wed., September 12th
Show at 8:15 p.m.

HEADQUARTERS FOR School Supplies

SCRIBBLERS
EXERCISE BOOKS
LOOSE LEAF BOOKS
LOOSE LEAF REFILLS
NOTE BOOKS
PENCILS
CRAYONS — PENCILS — ERASERS
MATHEMATICAL SETS
FOUNTAIN PENS — INKS

Text Books

PLACE YOUR ORDER FOR THESE AS EARLY AS POSSIBLE

Edlund's Drug Store

THE REXALL STORE
Phone 3 Crossfield, Alta.

H. MAY

REAL ESTATE
INSURANCE
(In all its branches)
CONVEYANCING
RENTAL AGENT
FARM LISTINGS WANTED

Phone 33 Crossfield.

Fred Becker

TINSMITH
Every kind of Sheet Metal Work.

Crossfield - Alta.

Mclinn & Holloway

Limited
FUNERAL DIRECTORS
AT PARK MEMORIAL
1501 - 4th St. W. M 3000
CALGARY

DICK OFFICES, Phone 41
Local Representative
CROSSFIELD

THE Oliver Hotel

Crossfield — Alberta
Charles F. Bowen
Proprietor
A Good Place To Stay
Phone 54

*Your Support
IS VITAL TO RATIONING
Mr. and Mrs. Farmer*

With other groups, you play a part so that everyone gets a fair share

The FARMER

You are asked to collect and turn in the coupons you acquire against the use and sale of butter and the coupons you get introduced again, of meat and the coupons you get from the sale of honey and other rationed products. So that you may buy other meats from your butcher, no more than one-half of the valid coupons in your ration book and in those of your household members be surrendered. To make it easy to send in coupons, you are provided with RB-61 envelopes which should be forwarded once a month to your Local Ration Board. No postage is required.

The RETAILER

The retailer also plays a part. He must obtain coupons or other valid ration documents against every sale he makes of rationed foods—butter, sugar, preserves and, when meat rationing becomes effective again, meat. Otherwise, he cannot replenish his stocks. He must paste all coupons on gummed sheets and endorse food sales total \$2,500 or more, he is required to operate a ration coupon bank account. He must also give valid ration documents or a ration cheque to his supplier for every purchase he makes of a rationed food.

The HOUSEWIFE

The housewife, too, has rationing work to do. She must know the validity and expiry dates of butter, sugar, preserves and of these foods last. She must know the coupon values of all rationed preserves and meats. She has to understand the sugar alternative of the preserves coupon in order to do as much home canning as possible and still have coupons for honey, syrups and other preserves. She must guard family ration books carefully and give up coupons for every purchase she makes of a rationed food.

RATIONING is your assurance of a fair share. It is a protection against waste . . . shortage . . . inflation.

That is why farmers are asked to *continue to collect and turn in coupons to their Local Ration Boards* - once a month - in the RB-61 envelope.

RATION ADMINISTRATION

THE WARTIME PRICES AND TRADE BOARD

BEST ATTAINABLE IMAGE
FROM DOCUMENT AVAILABLE

Lydia E. Pinkham's Vegetable Compound not only helps relieve monthly pain but also accompanying nervous, tired, high-strung feelings—when due to functional periodic disturbances. It's one of the most effective medicines for this purpose. Pinkham's Compound helps naturally. Follow label directions. Try it!

Lydia E. Pinkham's VEGETABLE COMPOUND

EVERYONE CAN HELP

Canadians Are Asked To Contribute Clothing For Devastated Countries

When people on the verge of starvation make a plea for clothing rather than food, it is evident that they must be in dire need. But that is the plea which has come to the North American Continent on behalf of 125,000,000 people who are today suffering from lack of covering in the liberated countries of Europe. Of this total some 30,000,000 are children, and because of the absence of clothing and shoes thousands of them are being laid low by disease. Their condition when the cold, wet winter arrives can easily be imagined.

The people of Canada, because of their geographical situation, were saved from the horrors of invasion by a ruthless enemy. It is now their privilege and duty to supply as much used clothing as possible to the unfortunate people who suffered this terrible calamity. A dozen war relief organizations in Canada have joined together under the title of The Canadian United Allied Relief Fund to sponsor on behalf of UNRRA a national clothing collection throughout the Dominion, from October 1 to October 20.

William M. Birks, of Montreal, is chairman of this campaign, with Hon. Thomas Venn, P.C., K.C., Speaker of the Senate, as vice-chairman, and Dr. Lawrence J. Burpee as honorary secretary-treasurer. A strong national committee is being set up to organize clothing collection drives in every community in Canada, with the objective of securing ten million pounds of clothing for the children, women and men of the liberated countries.

Herbert H. Lehman, director general of the United Nations Relief and Rehabilitation Administration, stated recently that the need is no great in some of the devastated countries that the people there are asking that priority be given to clothing rather than to food, even though they are on the verge of starvation. "That shows," he says, "how dire is the need for clothing, and with textile shortages for non-military materials in Canada, as in the United States and Great Britain, the only way to fill a fraction of the need overseas is to ask civilians here to contribute used clothing to the drive of the National Clothing Collection."

Details of the campaign will be published in the press from time to time as organization proceeds. In the meanwhile every Canadian citizen can look over his or her wardrobe and get ready for the collection when it comes.

Britain's Prime Minister

Is Fond Of Games But Dislikes Shooting As Sport

Clement Attlee's recreations are typical of the middle-class Englishman. He plays a good game of golf and a tricky game of tennis. He likes to play chess and is crazy about bridge, which he regularly plays with a bunch of friends. He's a devotee of "blood sports" once cropped up at the American Embassy where he and other Labor party leaders were invited to dinner. Our Ambassador at that time was a great game shooter and in order to make conversation asked Attlee if he had done any "shooting". "Oh, yes," said Attlee. "I used to do a lot of it."

"What did you shoot?" asked the American Ambassador. "Germans," responded Attlee. Attlee served with distinction in a line regiment throughout the First World War.

Has Its Benefits

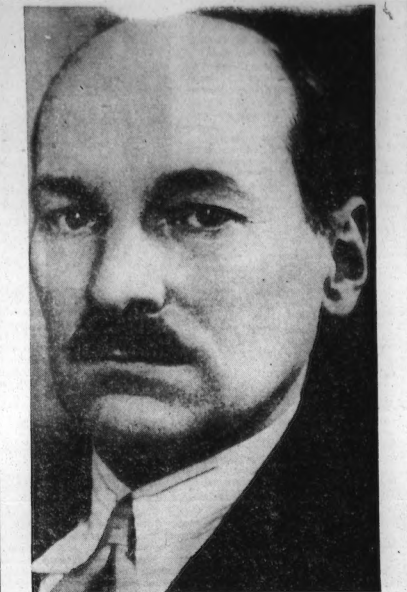
Migration Of War Workers Makes For Better Understanding

There has been much talk of the evil consequences of the uprooting and shifting of workers all over the country in the war years. But there is at least one strong voice that has something good to say about it. The voice belongs to Mrs. Henry Ingraham, the white-haired, blue-eyed, motherly lady from Brooklyn who is president of the United States board of the Y.W.C.A. and vice-president of the national board of the USO. "The great migration produced by the war," said Mrs. Ingraham in her office at Y.W.C.A. headquarters in New York, "has given people from different parts of the country the opportunity to associate with each other and learn to understand each other. It has broken down some of the old barriers that had grown up because people had stayed put too long."

HANDY MACHINE

A new combination clothes and dish-washing machine already in production has been announced by Edward N. Hurley, Jr., chairman of the Electric Household Utilities Corporation, Chicago. He said the appliance will sell for less than standard pre-war washing machines. The washing of clothes and dishes is done in readily interchangeable sets of tubs and accessories that operate inside an enameled steel cabinet.

Steel automobile springs are being replaced by rubber spring-suspensions—a war creation that will stick after victory.



RT. HON. CLEMENT R. ATTLEE
Great Britain's New Prime Minister

Substitute Dishes

Many Foods Other Than Meat Supply Proteins

Early Canadian settlers depended largely upon wild game and birds for food. Perhaps because of this and because in more recent times there has been an abundance of meats, Canadians have leaned heavily on meat as a source of protein.

However, there are many other foods which are excellent sources of protein. For centuries Europeans have obtained their animal protein largely from fish, eggs, and especially cheese. Dried peas, and beans are excellent sources of protein too, and a dish of French Canadian pea soup or baked beans will help meet the day's needs of protein, minerals and B vitamins.

The Nutrition Division of the Department of National Health and Welfare states that 1½ glasses of milk or 2 eggs or ½ cup of grated cheese are equal in protein to an average serving of steak.

War On Moths

Amazing Power Of New Insecticide May Eradicate This Pest

The day may be near when a truce can be called to the war waged by every housewife on moths. The amazing new insecticide DDT has potent powers as a moth killer, according to a recent report of the United Kingdom Wool Industries Research Association. The association's scientists have developed a technique for applying an oil solution of DDT to wool during manufacture which makes it moth-proof for life, no matter how frequently the fabric is washed or cleaned. Research workers also report that by mixing a minute quantity of DDT with cleaning fluids, clothing already in use can be made nearly 100% moth-proof.

The first limited supplies of DDT have been made available for civilian use in Canada and Canadian scientists, hard at work on research, predict a bright future for this newest of insecticides.

Re-building Stalingrad

Trained Lumberjacks Steer Rafts Which Deliver Much-Needed Timber

The restoration of war-ravaged Stalingrad has begun in earnest. The rafts of timber needed to build factories and homes are beginning to arrive.

Timber-floating is at its height all through the Soviet Union at this season, but nowhere is its arrival more impatiently awaited than in this great city north of the Caspian Sea where the Nazi armies were stopped in their drive to the east.

The first Stalingrad raft, three times as wide as a big city highway, was steered by trained lumberjacks all the way from the upper reaches of the Kama River, a tributary of the Volga. To move its 30,000 cubic metres of timber overland would have required at least 1,500 freight cars.

RAILWAYS OF BRITAIN

Under peacetime conditions the railways of Great Britain run 25 per cent. more trains daily than any other country in the world and the average number of trains per route mile of line throughout the railway system is 64 per day, compared with nine on the same basis in the United States, according to the British Railways.

Spires Of England

A New England Will Be Built Out Of The Rubble Of Nazi Destruction

An English visitor to Montreal who is the deputy commissioner for reconstruction of the Congregational churches of England and Wales, says that while the enemy-destroyed churches will be rebuilt, the church spires will not rise up again. Building materials are scarce. It is felt that no useful purpose would be served in spending on spires the lead, stone and wood that otherwise could be put to other urgent needs.

Well, it may be hoped that not too many of the spires of England have been destroyed. In some cases the spires have happily withstood the enemy while the main body of the church lies in rubble.

The spires of England, from medieval times to Wren have given to England one of its great glories, in their miracles of grace and variety of form. Even so, there remained many a square church tower to be marked distinctively on the Ordnance survey maps, and to symbolize the sturdiness of English character.

But later still came the church builders who sought to depart radically from traditional design. They have used new materials and have built their houses of worship recognizing that their location within crowded cities allowed for wide differences in design.

A new England is to be built out of the rubble of Nazi destruction. But the present rebuilding may nevertheless be but a transitional period to something better. The spires that are left will be all the more preciously regarded as part of the glory that is England. And in time to come there may still be a place for more. May it never be said, though, as once it was of St. Ann's church in Dublin, "A beggarly people, a church and no steeple."—Ottawa Citizen.

Must Help Themelves

General Eisenhower's Orders To German People Are Clear

General Eisenhower is a man of few words and no foolishness. His proclamation to the German people is blunt as phrasology can make it. He tells them that if they wish to eat they must go to work on their farms; that if they wish to be warm next winter they must go into the forests and gather wood; that if they wish shelter they must repair their damaged houses. "All these," he says, "are your problems: their solution depends upon your work." But he promises that if they will turn to work willingly they will have such help as the military government can give.

Moreover, he tells them, despite all hardships, they need not face the future without hope. It lies in their power to build a healthy democratic life in Germany, but to do this they must show that they have forever abandoned militarism and aggression and adopt a peaceful way of life. This is good, Kansas language, but no German need have any difficulty whatever in understanding it.—New York Sun.

More heat is required to increase the temperature of water than of any other substance except hydrogen.



JOSEPH E. DAVIES
Former U.S. Ambassador To Moscow

USED UP PLENTY

Huge Quantities Of Sugar Went Into Manufacture Of Gunpowder

One salvo from five 16-inch guns uses the sugar produced by one acre of cane or beets, or their equivalent. The sugar, converted into alcohol, is used in making gunpowder.

The figure comes from Dr. Robert C. Hockett, scientific director of the Sugar Research Foundation, New York, in a report on reasons why there is a sugar shortage.

Fighting men, Dr. Hockett says, were allowed twice as much sugar in garrison diets as the folks at home. Sugar played a large role in field rations, not merely because it gives energy, but because it is compact. It is not subject to spoilage. The men eat it, an important point which the quartermaster corps had to consider because men in action receive a good many kinds of foods.

A high sugar diet, for fliers, strengthens their ability to resist blackout during fast turns with their ships. This is because sugar helps keep the blood charged with carbonic acid gas.

On life rafts, sugar is used to help a man keep from losing the water in his body. The sugar also enables him to live for a time in good health, off his own fat, by preventing the acidosis which often attacks fliers persons.

Sugar is furnishing a large portion of the new synthetic tires, by making alcohol to be converted into butadiene.

Last year nearly 1,000,000 tons of sugar was shipped directly to alcohol plants without being removed from the cane juice in its final form of purified, granulated sugar.

Doubled-Crossed Nazis

German Spies Worked As Counter Espionage Agents In America

The Federal Bureau of Investigation said that five German spies sent to the United States after 1939 to learn of atomic bomb developments were persuaded to double cross the Nazis and work as counter espionage agents.

"Several" of the spies were intercepted in Europe and South America en route to the United States and made "double agents" before they launched any espionage activities for the Nazis," an F.B.I. spokesman said.

He would not disclose their names.

As a result of American alertness, the F.B.I. said, no sabotage of plants was committed in an atomic plant.

To Trace Missing

Britain Will Start Search For People Lost During War

British authorities began an attempt to trace millions of persons, military and civilians, missing as a result of the war.

A search bureau was set up of 10 men which will tour the British occupied areas and Russian authorities, of information which may lead to the reunion of families. It is similar to bureaus now operated by American and British Russian authorities.

In co-operation with the other powers a central bureau will be set up with a descriptive card index system.

A Coat Of Paint

White House At Washington To Be Repainted

At long last the "White House," century-old home of United States presidents in Washington, is to be white again. During the war the great mansion has accumulated a heavy coat of soot and weather stains. Now, on President Truman's orders, it is being cleaned and behind a mass of scaffolding and a swarm of painters are preparing it for a new coat of dazzling white.

ATOMANIA

In majesty and fury now unleashed

The mighty atom blasts with searing breath: Dismantling work of man and God. Consuming all in chaos, ruin, death. The echoes of destruction rock the earth.

And horror strikes the human heart with awe: Has science made the secret store of life.

Or contravened some fatal, basic law? This Titan force and power now released.

Is in our hands to forge good or ill; To bargain with, intimidate, or blight.

Or to be made to serve, create, fulfill. God grant it may be used to bring us light.

And not condemn us to eternal night. —Margaret Frame.

THAILAND'S FUTURE

The future of Thailand (Siam) is now the subject of British-American discussions, says Newsweek. The U.S., which has never declared war on Thailand, believes that as an independent nation it could be developed into a model democratic country in the Far East. The British question the feasibility of democratic institutions in Thailand and would prefer to see it placed under some kind of tutelage of the Western powers.

CANADA'S POSITION IN WORLD AFFAIRS

Recognize Canada As American Nation As Well As British

Recognition of Canada as a special position in the British Commonwealth as an American as well as British nation, with a more independent outlook than the other Dominions because of her close association with the United States, is reflected in new publications of the Royal Institute of International Affairs and the Royal Empire Society.

Both acknowledge that, while the senior Dominion will have a big place in the Commonwealth's political future, she also has obligations in North and South America which affect her decisions on world affairs.

And both acknowledge the advantages which can accrue to Britain and the whole Commonwealth from Canada's friendship with the United States and her future relations with Russia, a comparatively near neighbor in the North Pacific.

Almost simultaneously with publication of the R.I.A. and R.E.S. booklets, it was announced that Canada was the only Dominion which planned to operate a transatlantic air route independently, instead of pooling operations with a parallel British service.

Canada's local defence depends on her position in the North Atlantic and North Pacific regions, said the Royal Institute's pamphlet, "The British Commonwealth and the World."

"She is conscious of her commitments towards American continental defence and aware of the importance of her geographical position in relation to future air routes. . . . She is naturally closely connected with the United States by historical, cultural and economic as well as defensive ties."

"Most of all, her people are conscious of being Canadian, but Canada's association with Great Britain and the other nations of the British Commonwealth is an essential element in the maintenance of her economic independence and individuality of thought."

"Canada is not only a member of the British Commonwealth but also an American nation," said the Royal Empire Society.

"Canada has in the past been invited to join the Pan-American Union and despite the fact that she will change her attitude in future is a matter upon which there is wide difference of opinion, though there are signs of a movement in that direction."

"In this connection, however, it must be borne in mind that Canada is growing rapidly and vigorously, and that there is an increasing opportunity for diversities of interest among the people. Canada desires to fulfill a neighborly obligation to the republics of South as well as of North America."

Is Still A Factor

Influence Of Churchill Will Be Felt In Parliament Debates

At the first meeting of the new British Parliament, Winston Churchill was cheered, and he took his seat on an Opposition bench.

All parties joined in this tribute to the gallant old warrior, whom only his own people could defeat.

As leader of His Majesty's Loyal Opposition, Churchill, from his seat in the Commons will be every move the Government makes, take part in the debates, and bring the influence of his great experience and mind directly to bear upon the issues involved.

The leader of the defeated party in a Presidential election in the United States has remained in private life. The only media through which he can influence the course of legislation are magazine articles, the after-dinner circuit and sympathetic columnists, if any. As the passing months push him farther and farther from the limelight of the campaign his leadership progressively declines.

The British system in this respect has it "all over" our own.—Detroit Free Press.

Study Airports Here

Delegates From Australia Getting Ideas For Post-War Construction

In a tour which is taking them through both North and South America, Charles V. Howard, chief designing architect of the Department of Works, H. W. Kelly, architect of the department, and C. McGrouther, supervisor, bank premises department, Commonwealth of Australia, are in Canada studying airport layouts and housing developments.

They are gathering ideas for Australia's post-war reconstruction. During a brief stay in Montreal, they studied Trans-Canada Air Lines facilities at Montreal Airport, Dorval, and inspected the Canadian National Railways Central Station.

THREE MOST IMPORTANT

An oak tree is more important to the rural council at Yeovil, England, than the continued tenure of H. G. Gowers in a council-owned house. When Masters termed the tree, planted to commemorate the Battle of Waterloo, an immense and useless tree, the council said he could move, but the tree would stay.

Dinner In The Sky



Someone said "the way to a man's heart is through his stomach," but what would a housewife say if she had to serve her angel cake or cream covered pie to her husband aboard in a dirigible about 10,000 feet in the clouds instead of in her dining room, particularly when the cake starts to disintegrate and the pie expands and serves methods and speed of serving to the passengers are of great importance.

The lack of air pressure has caused many strange effects on food. In the very thin air at high altitudes, sea level conditions are greatly changed.

"Those who cater for the air trade must have scientific knowledge of the rapid changes in food caused by air pressure, humidity and high altitudes and certain foods have been found to be more easily digestible than others at high levels because of the adverse effect of altitude," said J. C. Reid, T.C.A.'s commissary head. "It is not only a question of digestibility, but also lack of space which prevents the air line from carrying a wide choice of food. In addition, the number of hours the food is in the air has to be taken into consideration."

"Take coffee for instance," continued Mr. Reid. "It has been necessary to experiment with many blends until now we have our own blend which stands up under hours of time in thermos at high altitude, in so many countries, blends, the flavor and aroma were dissipated by air pressure."

Through continued tests, T.C.A. have narrowed the choice of dishes to those most popular and generally liked. Take an ordinary week's menu on a T.C.A. plane. It includes roast beef, turkey, roast chicken, roast leg of lamb, salmon steaks and baked ham and chicken.

A typical meal for Friday includes tomato soup, cold salmon and mayonnaise, sliced cucumbers and parsley, potato salad, hearts of lettuce with Thousand Island dressing, fruit cup, cake and buttered rolls, tea and relishes.

Passengers in flight notice that after dinner cigarettes burn longer than on the ground. The longer smoke again is due to the thin air. High altitudes also affect the serving of tea and coffee. This is due to the fact that the boiling point of liquid is reduced in proportion to height at which they are boiled. The containers in which tea and coffee are carried have an air valve which allows the pressure to be discharged through a quarter inch vent. At 10,000 feet, the boiling point of water is 32 degrees less than at sea level.

Our studies and research lead to the use of food most easily digested," said Mr. Reid. "As a result, such things as highly spiced foods, very sweet desserts, onions, cabbage, do not form part of the menu. Specially selected drinking water is used on T.C.A. planes. The air line also stocks certain foods for children, which is personally prepared by the stewards."

The meals are served in cream colored fibre trays, hollow handled knives, much shorter than used in hotels and restaurants, are part of the culinary arrangements. And since every ounce of excess weight is of great importance to an air line, plastic cups are utilized.

Meal service on Trans-Canada Air Lines started in 1939 and in that year 13,000 meals were served. It is expected that in 1945 the total would reach a quarter of a million meals consumed in flight.

Dispatching Troops

Wonderful Work Is Accomplished By Railways

"It was a grand job well done," Brigadier E. A. Blain, M.C., District Officer Commanding Military District No. 5, Quebec, Quebec, said in a radiogram to R. C. Vaughan, chairman and president of the Canadian National Railways. "Please accept my congratulations for the wonderful work done by your company in the despatch of troops from Quebec."

The message came following the arrival of the U.S. "Stratheden" at Quebec, the first troop ship carrying returning service personnel to dock at Quebec since the last war. Six of the ten trains needed to transport the servicemen to their homes across the Dominion were Canadian National Railways. They handled 2,200 of the ship's total of 3,600 passengers.

Neutral Switzerland

Reasons Why That Country Has Survived The War

Switzerland has survived this war for three reasons. Its tough little army was prepared to blow up its Alpine tunnels on short notice and would have cost the Germans more than occupation of the country was worth.

A neutral spot in the middle of Europe it was a useful point for taking diplomatic soundings. It was a financial clearing house which could not be destroyed by the Allies without also being lost to the Axis.

To the thrifty, human, freedom-loving people who have converted their undisturbed reputation into a centre of world trade and civilization, felicitations and a long national life!—Minneapolis Star Journal.

The Halifax Gazette, established in 1793 by John Bushnell, is believed to be the first paper to be published in the Dominion of Canada.

No Relief Seen

British People Are Told Clothing Shortage May Be Reduced

Britons face the prospect of less clothing.

Sir Stafford Cripps, president of the Board of Trade, said clothing retailers for the next period probably would be reduced because of the cotton goods shortage and added it would take eight months after V-J Day before retail supplies could be increased. Britain already has cut cotton consumption to two-fifths of the pre-war level.

Buy War Savings Stamps regularly.

Keeping Channel Clear

Royal Navy's Best Saga Of Daring And Endurance

The magnetic mine was Germany's No. 1 secret weapon and the story of the wooden minisweepers which beat the menace is one of the Royal Navy's best sagas of daring and endurance.

Many of the magnetic mines were sown in the Thames Estuary but when Britain shifted her shipping centre to the Bristol Channel ports, when the fall of France in 1940 made east coast ports almost untenable, the waters fringing Wales became the most heavily mined in the world at that time.

The important task of sweeping these waters and keeping them clear for shipping fell to Royal Navy minisweepers, special wooden ones to combat the magnetic influence of the new mine, sailing from Milford Haven and Swansea.

The job called for daring and endurance. As the number of mines increased with each night's air raid, as the mines were made more and more sensitive so that a single wave could detonate them, the minisweepers had to work long hours in a constant game of tag with death.

Even yet the work they did cannot be fully told. But by using secret devices such as the "L.L." Buoyant Cable and pulse sequence—a means of detonating mines—a channel was kept swept all through those early, crucial days of the war.

New Era In Britain

One Of Most Glorious Closed With Defeat Of Churchill

When Churchill passed through the gates of Buckingham Palace, he came to an end. When Attlee followed him to obtain the king's formal injunction to form a new government, the new era opened.

The uncertainties ahead are not a lot less dangerous than those which faced the nation when the Germans stood on the far shore of the channel and Britain counted the hours until the homeland would be invaded.

There were other factors in the verdict. It is likely that whatever government had ruled Britain for 10 years would have been turned out. It is human to desire change often without too much thought being given to what the change may portend.

The era that ended when the defeated prime minister passed through the gates of the king's palace was one of the most glorious in all the history of free people. It was made so by the will, the determination and the fortitude of one man—Winston S. Churchill.—Cleveland Plain Dealer.

Lifting The Mortgages

Prairie Farmers Find Themselves In Better Circumstances

It is believed that, by the end of the war, the majority of the farmers in the Prairie Provinces will be debt free. During the depression, about 60 per cent of all farmers had mortgages on their properties. The accumulation of a large amount of liquid assets in the hands of the farmers has made them important buyers of all kinds of commodities in the post-war period.

Their demand for machinery and equipment, as well as for household furniture, is expected to be the largest on record. In addition, many farmers contemplate modernizing their farms as well as building new homes. The large liquid resources at the disposal of the farmers, therefore, should have a beneficial effect on the national economy of Canada after the war is ended.—Victoria Times.

Big Training Scheme

British Plans To Fit War Workers For Building Trades

A half million new skilled workers within five years is the goal of a big British vocational training program in which men and women leaving the armed forces or other required wartime jobs will be taught trades at government expense, it was announced.

With Britain's need for about 1,000,000 new homes to replace those smashed by bombs and to make up for the lack of wartime building, the program gives priority to workers in building trades.

Trainees will learn what will receive a government allowance equivalent to about \$4 (\$18) per week for men and \$5 (\$10) for women, with additional for dependents, the ministry said. Training courses will last from three to 12 months.

Liked It Warm

But Bus Driver Made Things Uncomfortable For Passengers

Passengers on a Portland, Ore., bus sweated and wondered why, even with the windows open, it was hotter in the bus than outside. Only the driver, a discharged war veteran, remained cool and calm. Finally, it was discovered that all the heaters were going full blast; the driver had reversed the switch on the South Pacific and he was more comfortable than at any time since he had come back from the tropics.—New York Times.

THIRD REISSUE OF MAGNA CARTA

Find Copy Of The Great Charter Of Henry III

As the generations pass historic documents in private possession tend to pass out of the public eye, whether because old families are threatened with extinction, or because their heads for one reason or another doubt the capacity of themselves and their heirs to guarantee the safety of their possessions, or from the pure desire of public-spirited owners to make them as freely accessible as possible to students of history.

One such gift of priceless value and outstanding importance has just been made by Miss M. T. Talbot and was received by the Trustees of the British Museum. The document now bestowed upon the nation has long been famous as the Lockport Abbey copy of the Great Charter of Henry III. It is his the first original Magna Carta, dated February 11, 1225.

Lockport Abbey was a house of Austin Canonesses, founded in 1222 by the widow of William Longsword, Earl of Salisbury; and it is possible that the copy was made by the original owner, a knight of the original Magna Carta, of which four copies are known, this third reissue is in an exquisite specimen of the legal parchment of the period, has its seal almost intact, and is the only fully legible copy of the Charter still extant. It is a most valuable copy, preserved at Durham, a careless hand, which has been dust for centuries, had overturned the inkpot. Besides being a most beautiful original Magna Carta, of which four copies are known, this third reissue is in an exquisite specimen of the legal parchment of the period, has its seal almost intact, and is the only fully legible copy of the Charter still extant. It is a most valuable copy, preserved at Durham, a careless hand, which has been dust for centuries, had overturned the inkpot.

"Mons Meg" was silent during the war and the people of the Scottish capital missed the privilege of adjusting their watches and clocks by the time-signal is back, and this time in modernized form. Now it is a modern 18-pounder, which is operated mechanically by a clock alongside which is connected with a master clock in the observatory. The sergeant-gunner in charge attaches a wire lanyard to another wire on the adjacent clock. Inside the clock is a heavy weight, and as the controlled clock reaches the hour of one, it releases a cam, the weight drops and pulls the lanyard at the exact second. Bang! One o'clock.—St. Thomas Times-Journal.

The era that ended when the defeated prime minister passed through the gates of the king's palace was one of the most glorious in all the history of free people. It was made so by the will, the determination and the fortitude of one man—Winston S. Churchill.—Cleveland Plain Dealer.

Radio In The Sky

Plan To Have Radio Stations Six Miles Above The Ground

Flying radio stations operating six miles above the ground are planned to establish television and frequency modulation broadcasting on a nationwide network scale soon after the war ends, it was disclosed in New York.

Westinghouse Electric Corp. announced the plans have been made to inaugurate the system, known as stratosphere, when permits and equipment can be obtained.

Special planes designed by Glenn L. Martin Company for the flying radio stations will make initial flight tests next fall. If permission is granted by the Federal Communications Commission with which application has been filed.

The system, originated by a 27-year-old Texas-born engineer, C. E. Nobles, would provide reception from an airborne station over a 425-mile radius. The planes would fly at 60,000 miles away for television from the highest practical ground tower, the company said.

An Allied officer who is in communication with all major camps where Polish displaced persons are quartered, said the trek homeward by foot would be organized into groups of about 1,000 persons each. These convoys will march through corridors agreed upon by the British, Russian, American and representatives of the Polish provisional government.

Staging areas will be established at regular intervals along the line of march in order to assure hot meals at the end of each day's travel.

Medical equipment and food will be assigned to each group.

WHERE TO LOOK
A mass out in the dozens was taken at different times by two different dogs and both died. Examination of the dogs did not reveal what they died of. Why don't they examine the marshal, asks the Detroit Free Press.

The Courageous Dutch

Ravages Of War Are Being Quickly Repaired In Holland

Holland is repairing the ravages of war faster than anybody could expect, the correspondent of the London Times reports. Towns have been tidied up, agricultural land has been cleared of mines—at considerable loss of life—and some two-thirds of the shattered cities have been repaired. "The Dutch are facing their problems 'with admirable courage'."

WANTED A QUEEN

"This Englishman who is heading the London Daily Mail put on a Brighton item about a woman who went to collect her ration books. She was asked to wait a moment, she asked: 'Where is the queen?' She was told she could have her books immediately. 'No doubt,' she said, 'but I shall come back when there's a queen.'"

Grave Problems Confronting The Liberated Countries Of Europe As Winter Approaches

(By Rosa Munro)

THE main source from which the United Nations Relief and Rehabilitation Administration hopes to obtain an increase in urgently-needed supplies for Europe in the United States and to a lesser extent Canada, although additional supplies are expected from all other U.N.R.R.A. countries that can send goods, it was learned.

Herbert H. Lehman, director general of the administration, gave an outspoken warning at a press conference in London that the liberated countries of Europe cannot escape the most severe privations this winter unless the countries which were not involved send expanding supplies in the months ahead.

At present the United States supplies the largest amount of goods and Canada is second. A considerable increase is expected to come from New Zealand, Australia, Brazil and other Latin American countries.

Mr. Lehman said there would have to be further belt-tightening in the supply countries, notably Canada and the United States, and emphasized the foodstuffs in shortest supply are meat, fats and dairy products. There also is a major shortage of textiles.

U.N.R.R.A.'s financial resources also are getting low. Mr. Lehman said the administration's funds will virtually all be obligated by the end of this year and additional funds are required to carry over into next year.

Further appropriations likely will be asked of the member countries at the council meeting. A reliable source indicated member countries may be asked to double their contributions—at present one per cent. of the national income of each.

Canada has committed itself to the U.N.R.R.A. and met all her obligations, expending \$10,000,000 in free exchange as well as being the first member to make full contribution in goods.

Canadian decision on any appeal for doubling the appropriation is likely to depend to a large extent on what the United States does. The Dominion probably will not take on any additional expenditure if her neighbor turns it down. The United States accepts Canada likely will fall into line. It is a matter for Congress and parliament, respectively, to decide.

Mr. Lehman pointed a gloomy picture of winter in Europe if sufficient supplies are not forthcoming but said the pressure probably would relax by the 1946 harvest.

While U.N.R.R.A. is only operating its relief and rehabilitation program in Greece, Albania, Yugoslavia, Czechoslovakia, Italy and Poland at present, he said the grave picture to be faced this winter confront western Europe as well. Russia, too, has made a request to the U.N.R.R.A. for relief and rehabilitation, which will be considered at the council meeting.

He emphasized one of the greatest needs in addition to coal, food, raw material and building supplies was trucks to distribute the goods. Trucks are likely to be obtained from army surpluses in the Mediterranean and northwestern Europe theatres and presumably a good many Canadian army vehicles can be turned over to the U.N.R.R.A.

There is absolutely no potential source of surplus food supply in Europe, Mr. Lehman said. In answer to a question, he said no application had been made to military authorities for permission to go into former enemy countries to obtain supplies.

Lt.-Col. Tweedsmuir

Son of Canada's Late Governor-General Retires From Canadian Active Army

Lt.-Col. Lord Tweedsmuir, O.B.E., 33, of Ottawa, is retiring from the Canadian Active Army, National Defence Headquarters announced.

Lord Tweedsmuir, son of Canada's late Governor General, was a general commanding the Hastings and Prince Edward Regiment in Sicily in 1943, when wounded in the action resulting in the capture of Agira, one of the key victories of the Canadians in that campaign. In July, last, he was decorated by His Majesty at a Buckingham Palace investiture, with the Order of the British Empire.

In civil life, Lord Tweedsmuir is an executive of the Hudson Bay Company. He has been overseas since 1939 and served in staff appointments; he commanded a company of Beaufort of Canada, was a general staff officer at 1st Canadian Army Headquarters, and then was posted to the H. and P.E. Regiment (The Hastings) as second in command. He took over the battalion when the O.C. was wounded and carried on till he himself was evacuated with wounds.

Recently he has been employed as a General Staff Officer grade one, on liaison between Canadian and British forces.

Richard the Lionhearted is believed to have invented tarring and feathering as a punishment.

In 80 B.C. the firing of damp straw to smother out enemy positions was common.

2054

German Spy

An Interesting Story Of Counter-Espionage Work Now Revealed

The German spy captured in the Gaspe peninsula Nov. 9, 1942, shortly after he landed from a U-boat, was spared death by a firing squad and instead was pressed into British counter-espionage work, it was permitted to disclose.

At present the spy is reported to be working with the Allied commission on war crimes and is being used to spot Nazi officials of the lower brackets, especially those who operated as betrayers of European underground movements and who had anything to do with the execution of Allied prisoners of war.

Previously, censorship had only allowed disclosure of the manner in which Lieut. Werner Janowski, 27, was captured. Quick-thinking New Carlisle, Que., citizens found the story of the stranger who suddenly appeared in their midst did not tally and finally when he produced an old-type Canadian two dollar bill they called the police.

Now it can be told that the spy was taken to Montreal and promised reprieve from a firing squad for counter-espionage service.

He was given the job of feeding Nazi secret service headquarters in Havary with innocuous information and sometimes he was allowed to give them news of Canadian ship sinkings and other such information slightly ahead of general release in Canada.

Meanwhile, he received messages from Hamburg—on the same portable radio he had brought ashore with him in the Gaspe—on Nazi espionage activities in Canada and the United States.

British spies checked up on the German in Hamburg to "keep him honest." A "mountie" in Montreal studied his style in sending signals and eventually took over the delicate task of ghosting for him.

R.C.M.P., who kept the spy under lock and key for this early period, have never disclosed the nature of the information they were able to obtain. However, it has been reported that they were able to put under quiet watch a score of agents in Canada and the United States.

After a few months the spy was transferred to Britain at the request of British intelligence where he continued counter-espionage of an undisclosed nature.

The historic clock in Guildford's High street, removed for safekeeping during the war, will be put back soon.

An Interesting Find

Excavation On Vancouver Island Uncovered Mound Of Great Age

A. E. Pickford of the British Columbia government museum staff said that a mound opened near Duncan on Vancouver Island may be more than 1,000 years old and belong to a "remote period and culture."

Mr. Pickford conducted the excavation at the Camute Camulken mound near a burial place on the Kamulken Indian reserve. The mound is five feet, six inches high at the centre and from 33 to 38 feet in diameter.

The excavation disclosed a stone cyst, circular in shape and with an inside diameter of three feet. The cyst was made from large, natural slabs of rock varying from pieces two feet by one foot by four inches to smaller pieces of less regular shape.

Mr. Pickford said he was hoping to find human bones or implements inside the cyst that would have given some clue to the ancients who are believed to have roamed the coast before the Indians. But no relics or human bones had been found. Fine ash found in the excavation might have filtered through the dome.

He said presence of the ash indicated there had been ceremonial cremation before burial.

He suggested the location of the mound gives the impression that it was constructed to record "some outstanding event or tragedy of major importance" as well as the impression of great antiquity.

Her Lucky Number

Thirteen Has No Terror For Mrs. St. Marie Woman

A Sault Ste. Marie woman, Mrs. A. Toner, was a passenger on the Hamilton when it took fire at Point Edward. Mrs. Toner came to Canada in 1913, is the seventh daughter of a family of thirteen, took her thirteenth trip on the Great Lakes that week, which was the thirteenth trip of the S.S. Hamilton this summer schedule. The Sault Daily Star adds that her phone number is 1313-R, and her library card number is 1300. However, she had the luck to have been up and around when the early morning fire started and got off safely without much trouble. So the 13 isn't all bad.—Port Arthur News-Chronicle.

No matter how well things may be ordered in the postwar world, most of us will have to work if all of us are to eat.

Gallery Of War Planes



FIFTEEN MAIN AIRCRAFT TYPES made in Canada which have played a big part in the war against the aggressor nations are shown. These are the planes into which the genius of an industry has been poured, an industry which hardly existed before the war. Most pieces of each type was generally speaking, a better aircraft than the one which came off the assembly line ahead of it. Not only was pilot and crew suggestions, whether in training or combat, embodied in new ships but also the workers were encouraged to submit their own bright ideas for improvement or for better, faster ways of doing the job. It is now estimated by the Aircraft Industry Relations Committee that workers' own suggestions, collected on the annual saving in their own plant, cut the overall production expense by \$114,214. As well as having the satisfaction of having an outlet for their ideas, the workers have received awards amounting to \$114,776.

Numerous Flowering Plants Are Found Growing In The Vast Spaces Of The Far North

ICE, snow, Eskimos and polar bears—that is the popular mental picture of the vast spaces of the Far North. Yet as far north as land reaches toward the pole, numerous species of flowering plants have been found by explorers. The Danish explorer Dr. Laue Koch found flowers in full bloom less than 400 miles from the North Pole.

National Freedom

Seven Tests Which Have Been Outlined By Winston Churchill

Through all the ages men have yearned for freedom, valuing it the more the less they had of it. Often enough they have had small understanding of what it was and what it entailed. Freedom has been the cry of the ignorant and vicious as well as of men of good will. The ignorant and misguided sometimes conceived a freedom that was for them alone, the freedom to take freedom from someone else. The vicious have thought of it as an easy catch phrase that they could use to bedeck their devious ends. So it behooves us to get our thinking clear and, especially in these days when we are hoping to make a free world, to know what freedom is and what are its obligations.

Winston Churchill, who has fought for liberty as long and as valiantly as any man in history, who has had more power than most to put thought into graphic words, has outlined seven tests which suggest the essentials that any nation must have if it is to be truly free. They were pointed out in a rough guide when he was considering the vexed problems of the Balkans that have so frequently jeopardized the peace of Europe.

They are worth consideration, not only because of the world problems that they throw up, but sometimes in our own somewhat confused thinking we might find Canada straying from this cool appraisal of the essentials of freedom, these then are the testing questions:

Is there the right to free expression of opinion, and of opposition and criticism of the government of the day?

Have the people the right to turn out a government which they disapprove and are constitutional means provided by which they can make their will apparent?

Are there courts of justice free from violence by the Executive, and free of all threat of mob violence and all association with any particular political parties?

Will these courts administer open and well-established laws which are associated in the popular mind with the broad principles of decency and justice?

Will there be fair play for poor as well as for rich, for private persons as well as government officials? Will the rights of the individual, subject to his duties to the State, be maintained and ascertained and exalted?

Is the ordinary peasant or workman, earning a living by daily toil and striving to bring up a family, free from the fear that some grim police organization under the control of a single party, or the Gestapo started by the Nazi and Fascist parties, will tap him on the shoulder and will pack him off without fair or open trial to bondage or ill-treatment?

These are the conditions of national freedom.

As we check them against a world of nations, it is very easy to realize how few nations there are that can answer yes to every test. It is not difficult to realize how easily some of these essentials might be lost to us. And it is easier to understand the long process of education that must intervene before all countries can join with the democracies of the English tongue as truly free nations and truly free men.

Plenty Of Mascots

Royal Canadian Navy's La Huilliole Had More Than Her Share

When she was running the Atlantic convoy lanes H.M.C.S. La Huilliole claimed distinction as the "most densely populated with mascots" ship in the Royal Canadian Navy—and well she might.

When La Huilliole headed back to port on her last run she had five aboard—all dogs.

One La Huilliole sailor on shore leave at Gibraltar even tried to bring one of the rock's famed "rock apes" aboard—and almost succeeded. Unfortunately he tripped while carrying the ape along the jetty and the monk gave his captor a quick one-two and went jibbering to freedom.

INSULT TO ANIMALS

A comparison of war criminals to animals liked the Norwegian Society for the Protection of Animals into a protest. "Animals are not as bad as men," the society said. "War criminals ought to be designated as devils."

Bread baking, or the preparation of cakes from flour or parched grain by means of heat, is one of the most ancient arts.

Spring comes with incredible speed in the remote latitudes of sub-Arctic Canada. In one area, myriads of beautiful flowers were found two weeks after dog teams had been driven over the frozen snow.

Prettiest and most conspicuous of Arctic flowers is the Arctic lupine. In July it covers miles of so-called "barren" north of Great Bear Lake. When these blue, acaesylic-like blossoms are out, the lupine fields can be seen from miles away.

For two weeks in July, too, the Arctic heather comes to life with tiny white bells of bloom. There are meadows not far from the shores of the Arctic Sea where a floral party flourishes—a white-flowered tetracarp. Miniature daisies thrive there also, and a diminutive rhododendron. Immense cabbage-like flowers, potatoes have been exhibited proudly by the clergy of the mission at Fort Good Hope, on the Mackenzie River, almost touching the Arctic circle.

More and more naturalists and gardeners are growing snowdrops, not only for a cheerful garden showing but also as a means of providing food for birds, snowdrops being highly popular with many species. A novel planting trick is that of growing one or two morning glories beside each snowdrop—the best variety for the purpose being the heavenly blue morning glory. This makes a striking color combination with the blue flowers twined about the six or eight-foot stems of the snowflower plants, crowned with their immense yellow heads.

Bluejays, cardinals, and other wild birds will come for the only seeds all winter long.

Atomic Energy

Efforts Must Be Made To Keep Explosive Force In Bounds

Some touches must be seen found to control the effects of the atomic bomb. Dr. Roy K. Marshall, director of Debs Planetarium and associate director of Franklin Institute, said Dr. Marshall explained that "high speed particles, parts of the core of the atomic structure of the explosive used, plow into other atoms, such as those in furniture or houses, or the human body itself—to produce excitation."

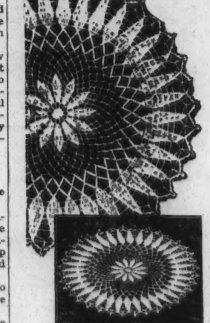
"When these atoms are released they literally bombard other atoms in the area," he said, adding that without some sort of restraining force such destructive action would "proceed indefinitely."

"Peaceful developments of the atomic source of energy will make internal combustion engines 'a thing of the past within, say, 10 years,' he predicted.

"We can expect great advances in many fields, including transportation, fuel supplies, electric power and—what may even be more important—medicine."

Simple, Charming

7181



by Alice Brooks

Proof that the simplest crocheted often is among the most attractive—use these dollies (there are two sizes) as odd pieces or luncheon sets. Both dollies—one is 18-inches, one 12½—take very little thread, and aren't they pretty? Pattern 7181 has crocheted directions, stitches.

To obtain this pattern send twenty cents in coins (stamps cannot be accepted) to Household Arts Department, Winnipeg Newsprint Co., Ltd., 1715 McDermott Avenue S., Winnipeg, Man. Be sure to write plainly your Name, Address and Pattern Number.

Translations from documents concerning ancient India show that in the year 2,000 B.C. primitive soldiers went to war with an early edition of a flame weapon.

WORLD HAPPENINGS
BRIEFLY TOLD

Thanksgiving Day will be celebrated in Canada this year on Oct. 8, the second Monday in that month, it was announced at Ottawa.

The 26,000-ton French battleship Strasbourg, scuttled with the French fleet in Toulon in November 1942, has been refloated and is being refitted there.

Church attendance is increasing in Berlin. The American military commander said 174 Christian churches and at least one synagogue are functioning again.

One of the last ships to leave Dunkirk in 1940, the London, Midland and Scottish railway steamer Princess Maud, was among the first to touch down in Normandy on D-day.

The British Broadcasting Corporation has given up the Criterion and Paris theatres in central London, which, it may be revealed now, were used as studios throughout the war.

Princess Elizabeth, who recently completed her non-commissioned officer's course in the Auxiliary Territorial services, has been promoted from second subaltern to junior commander.

Denmark was admitted to full-fledged membership to the United Nations relief and rehabilitation administration by unanimous vote of the council under a suspension of the rules.

The famous sea-going officers' club known as the Crow's Nest, at St. John's, Nfld., has closed and 8,000 Allied officers who accepted its hospitality after rough Atlantic runs will shed a sentimental tear.

Hard To Take

But German People Have To Accept Terms Of Allotment

Defeated Germany stares into a Spartan work-filled future, shorn of airplanes, shipping and all war-making potential. She nevertheless can hope for eventual return to the world's family of nations.

That is the pattern laid down for her by Prime Minister Attlee, President Truman and Premier Stalin in their Potsdam communique.

All the sting and venom of the Reich is to be removed. This includes all Nazi organizations, all the German army, navy and air corps, all of Germany's once rich merchant marine and commercial air service and all arms production.

Chemical and metallurgical industries which count in war potential are to be strictly controlled, as are imports, which could feed a secret war effort.

Nevertheless, Germany has been told that she can have a standard of living "not exceeding the average of the standards of living of European countries", expressly excepting Russia and Britain.

Germany is told she must work for her living.

She is to be treated as a single economic unit. This fact, added to the Big Three's silence on partition, makes it appear the Reich is to be left whole, except for drastic boundary changes, when the peace is written finally.

Emphasis, the Big Three said, is to be on agriculture and "peaceful domestic industries." The communique leaves to Germany to produce what she needs.

The length of Allied occupation doesn't even get a hint.

The German city of Stuttgart was famous for a library collection of 8,500 titles, printed in approximately 100 different languages.

Bamboo, a hollow-stemmed plant, has been known to expand 16 inches in circumference in a day.

LIFE'S LIKE THAT

By Fred Neher



"If only what I wrote in my diary would ever really happen to me."

Churchill Biography

Very Interesting Story Written By Professor Of Cambridge University

The story of Winston Churchill has been reviewed in a most interesting biography, written by Sir Ernest Barker, Emeritus Professor of Political Science, Cambridge University, and published by the British Ministry of Information. Illustrated with many pictures of this very photogenic British statesman, the book reviews Churchill's life from boyhood to the present time. The author points out that Winston Churchill belongs to an old family which settled in England as long ago as the Norman Conquest of 1066, and his family first flourished into greatness two hundred and fifty years ago in the person of John Churchill, the first Duke of Marlborough, who guided and inspired a European Coalition in the same spirit and with the same genius as his descendant has guided and inspired the Union of the Allied Nations. Much of the career of his ancestor, whose life he has written in a work of four volumes, is being repeated in the career of Winston Churchill. It was at the end of the Conference of Prime Ministers of the Commonwealth in May of last year that Sir Piro Khan Noon, one of the representatives from India, paid Churchill this eloquent tribute: "It is the clear-headedness of the leader and his policy which enables the various component parts to stay together, and you personally have, through your leadership, taken the Empire and the Commonwealth from strength to strength." The author concludes his biography with the tribute that "The man himself, who has always proclaimed his faith in the Commonwealth and Empire, and has always labored to the best of his power according to his faith, stands justified today of his faith and all his labors."

Important Factor

The Part That Water Plays In Plant Life

Water is the most important factor in plant life, says Dr. E. S. Archibald, Director, Dominion Experimental Farms Service, and the importance of water in the standpoint of underdrainage and irrigation, is of the utmost importance.

Underdrainage insures that the plant may not have too much water, and also presents water in its acceptable form. Underdrainage is one of the greatest guarantees against extremes in production, but underdrainage alone is not the only factor.

Certain heavy soils now underdrained cease to drain freely because soil fibres in the surface soil has become exhausted through cropping practices. Hence arise land puddles, and the want of opportunity of underdrainage to work.

Irrigation in parts of Canada where rainfall is inadequate guarantees water supply to the crop before sowing during the crop growth, and for the maturity of the crop. Although this is applicable essentially to the fruit lands of British Columbia and the farm lands of Southern Alberta, yet irrigation will gradually be extended to other provinces.

Job Was Well Done

Vast Amount Of Salvage Material Collected Across Canada

Since 1941, when the collection of war salvage materials began, 1,800 voluntary committees across Canada have collected salvage from Canadian homes for essential production. These committees were co-ordinated under the salvage division of the National War Service Department. The amount of salvage reported collected from voluntary salvage committees increased from 23,938 tons in 1941 to 78,992 tons in 1944. In the four years, 1941 to 1944, a total of 308,095 tons was turned in.



A PIPE FOR HER PERCH—Folly appears to like a hot foot as she sits on the stem of her master's pipe on a coast-guard transport in the Pacific.

—master is Harold Knitter, Chicago.

Biscuit Bombing

Dropping Food From The Air Developed Australia Air Force

"Biscuit-bombing" the Royal Australian Air Force supply dropping system has grown to such an extent that the early start in New Guinea in 1942 that it is capable of keeping the fighting elements of whole army divisions fed and armed in New Guinea, New Britain and the Solomons, the Australian News and Information Bureau here has announced.

Some idea of the growth since those dark days when they threw out boxes of bully beef and biscuits without parachutes from low-flying planes during the Owen Stanley mountain fighting of 1942 can be gained from one day's work in the Wewak, New Guinea, area. Douglas transports of the R.A.A.F. recently dropped 48,540 pounds of equipment and goods to the army in less than 24 hours to help capture this important Jap stronghold.

One of the methods used is the "torpedo", a bomb-shaped container in which can be placed newspapers. It can be carried in the bomb racks of some planes and dropped by parachute.

JUST FOR WAR CRIMINALS

The death penalty will be abolished in the Netherlands after all the war criminals have been punished. It has been announced. Unknown in pre-war Holland, the death penalty was introduced by special decree Sept. 4, 1944, to enable special tribunals established to hear cases concerning collaborators and traitors, to punish those persons if their crimes called for such treatment.

THIS CURIOUS WORLD

By William Ferguson



ANSWER: To a slight extent . . . enough to draw the electrical discharge away from unprotected portions of a building, and divert it harmlessly to the ground.

REG'LAR FELLERS—Catalog of Catastrophe



Health LEAGUE OF CANADA presents TOPICS OF VITAL INTEREST

SPECIALISM

Specialists have been busy for centuries creating all sorts of things which might serve the whole of humanity, but which end up doing more harm than they do good, writes Dr. Gordon Bates in the current issue of Health magazine of which he is the editor.

Bates also is General Director of the Health League of Canada of which the magazine is the official organ.

"Specialists have created gunpowder, dynamite, V bombs and poison gas, in spite of the fact that research in chemistry and physics could be directed wholly in the interest of human health and happiness," Dr. Bates says.

"It was a wise citizen of French Canada who, the other day, said that specialists are another form of ignorance. As a matter of fact, the trouble with the specialist is that too often everything but that which is closely associated with his own specialty and tends to go through life like a horse with blinkers.

"Business men, specialists in their field, tinkered with tariffs and created masterpieces which appeared to their author to be a contribution to their country's good, but ignorance of the laws of economics have made their well-meant efforts result in chaos and war. Specialists in medicine have created cures for disease which should be prevented, or have relied on medical means for preventing disease, the causes of which are social—and the same thing goes for theology.

"The remedy—good cultural education for everyone before entering on a life career. Every child has a right to a good sound general education before he becomes a specialist in anything. And for the benefit of mankind we should see to it that every child gets the education he deserves. Furthermore this education should be as broad and as extensive as the state can afford.

"We have suffered enough from half-educated specialists."

Advertise what you would do and then make doubly sure that you do what you advertise to do. That is what makes the fullest success of advertising.

Mexico's mines account for nearly half the world production of silver

For Rural Schools

Showing Of Films Tie In With The Subjects Being Taught

Rural school inspectors and teachers have an ally in the National Film Board. Many small schools with no projection equipment of their own have showings of films on social studies, science and natural history and other subjects each month when the Film Board field representative arrives on his regular visit to their community.

Films on the geographical features, natural resources and industries of Canada, as well as of countries in other parts of the world, have helped to make geography a favourite subject, while those on the rotation of the earth have aided teachers in explaining wind belts and the change of seasons. Pictures on nutrition have proved effective in persuading school children to drink plenty of milk and eat more vegetables.

Teachers frequently base assignments for essays, the drafting of maps and posters on films of special interest, which have been shown to the pupils. Models of totem poles, old-style threshers, or Dutch villages have been made by children after seeing the originals on the screen. Pupils in the higher grades at some schools take full charge of the showings and conduct debates on the subject of one of the films at the end of the program.

In addition to National Film Board productions, the field representative is glad to screen whatever educational films the teachers have secured from other sources to tie in with the topics which they are teaching. This service has made it possible for more schools than ever before to make use of the material in Department of Education film libraries to provide greater educational opportunities for children in rural areas.

Spreading The News

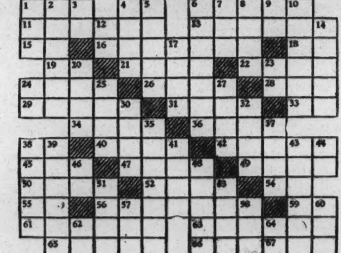
Leaflets Scattered Over Enemy Territory From Balloons

The secret of how leaflets were scattered on Germany when no Allied aircraft had been over the Reich, is now out. They were released from balloons fitted with fuses burning at the rate of one inch in six minutes. The fuses could be adjusted to last up to eight hours and to drop leaflets at regular intervals. After its job was done the balloon exploded in mid-air.

Java is the most densely populated island on earth.

X-X OUR CROSSWORD PUZZLE X-X

No. 4951



1 Philippine	49 Inflection	Vertical	20 Chances
2 Hindu mythological hero	50 Hindu mythological hero	3 Third king of Judah	22 Brother of Jesus
3 Fresh-water porpoise	51 Fresh-water porpoise	4 Hanged	24 Sun god
4 French construction	52 French construction	5 Mulberry	26 Difficult to grasp
5 By	53 By	6 Roof edge	27 To bring forth
6 English poet	54 English poet	7 Daubed	30 Beginning
7 Symbol for silver	55 Symbol for silver	8 Musical	32 Conspiracy
8 Symbol for calcium	56 Symbol for calcium	9 Concerning	35 One who betrays a trust
9 To leave	57 To leave	10 Bull-shifter	37 Cry of the blackhawk
10 Latin poet	58 Latin poet	11 Part of a stair	38 French Revolutionary leader
11 Lamb's pen-name	59 Lamb's pen-name	12 Frolic: dawn	39 Public speaker
12 To interpret	60 To interpret	13 Lowest point	41 German philosopher
13 Uncanny	61 Uncanny	14 Lowest point	43 Means of access
14 High priest	62 High priest	15 Poisonous snake	45 French article
15 To leak	63 To leak	16 Narrow opening	46 Part of
16 Tautonic duty	64 Tautonic duty	17 Japanese money	48 A vessel
17 Narrow opening	65 Narrow opening	18 English cathedral city	49 Anthropoid
18 Japanese money	66 Japanese money	19 Unusual	51 Italian river
19 Unusual	67 Unusual	20 Constellation	52 Part of
20 Constellation	68 Constellation	21 South-African Dutch	53 Negative
21 South-African Dutch	69 South-African Dutch		54 Worm
			55 Japanese measure
			56 Colloquial: mother

BY GENE BYRNES



KILL THAT FLY



A fly breeds in garbage and manure, spreading disease germs to everything it touches. Files multiply rapidly, but Fly-Tox destroys flies at a touch. Get a large bottle today.



THERE IS ONLY ONE
FLY-TOX
KILLS INSECT PESTS

OUR COMPLETE
SHORT STORY—

Fire And Water

— By —
SEYMOUR RICHIN

McClure Newspaper Syndicate

Joe found Lenny still in bed. It was four o'clock in the afternoon so it looked funny.

"What's the matter with you?" Lenny turned his head slowly, jerkily, and with considerable care. His face and neck were a bright and painful red. "I'm sick," he said.

"Don't be stupid, Lenny. You can't afford to be sick. Not now. You've got an important job tonight. Joe stared at Lenny's face and frowned deeply. "Hey, What?—?" He stepped closer and peered down. "You're burning up."

"Sunburn," Lenny mumbled. "Pretty bad."

"Sunburn?" Joe gave a low whistle. "You mean you've got to stay in bed?"

"I'm on fire," Lenny said, keeping his body rigid. "I can't move. Went down to the beach yesterday. Fell asleep." Lenny tried to lift his arm but stopped with a low cry. "Gee, but it hurts."

"Oh, my Lord! Of all the things to happen!" Joe dropped down into a seat. "Lenny, you need a nurse. Sunburn! I suppose you forgot that tonight is Violet's sister's wedding and you're one of the ushers."

Lenny's eyes widened. He made a violent effort to rise to his elbows but fell back, face twisting, and breath coming in a painful rasp. "That's right, Joe, it is tonight. I did forget!"

Joe was sarcastic. "I'm glad you woke up. Now you can go to sleep again."

"Go to sleep?" Lenny screamed. "You must help me, Joe. I've got to get into a soup and fish! And fast! I promised Violet I'd be there. She'll never look at me again!"

"Take it easy," Joe advised. "How can you climb into a boiled shirt now? Remember the stiff collar with the sharp edges? You'll pass out before you take a step."

Lenny looked at Joe with horrified eyes. "What'll I do? I've got to get to that wedding. Violet, Joe, I'll lose her. You know how girls are about these things. I'll look like a heel. If I don't go, I'm sunk."

"Not sunk," Joe corrected acidly. "Cooked in the word. And DON'T you deserve it. Sleeping on a beach! Good Lord, and I thought you didn't like beaches!"

"I don't," Lenny said. "Ever since last year. I'd much rather play handball than bathe. It was Stanley Winsett's idea. You know, the lawyer."

"The sneak, you mean. I never liked Stanley Winsett. And in fact you don't know it, he's been hanging around Violet lately."

"What?"

"Don't bust a lung. Stanley is looking to win your girl friend. So beware." Joe was about to say something else but he didn't. A queer light came into his eyes and he leaned over his friend. "Say, Lenny, did you tell Stanley about the wedding tonight? Does he know you're supposed to be an usher?"

"Sure. All the fellows know." Joe straightened up. "Stanley's out to queer you, Lenny. Ten to one he took you down to the beach on purpose, got you good and sunburned to keep you out of a soup and fish."

"Yeah. I ought to sock him. I told him to wake me up if I got too red. But he left me."

Joe smashed his fist into his palm. "Sure. He's pretty slick. You're a

blond guy so he knew you'd stare under the sun. After tonight he'll figure Violet is through with you and that's got her."

Lenny's eyes blazed. "Till—?" A phone ring interrupted him. Joe picked it up. "Hello. Who is this?" "Stanley Winsett."

Joe shot a sharp glance at Lenny. "It's Stanley."

"Stanley?"

Joe covered the mouthpiece. Yeah. Says he's got some interesting news. "Let's hear it," Lenny said. "Drop down closer to the bed, Joe."

Joe did so. "Hello, this is Joe. Lenny's sick. I'll take the call."

"Fine." The voice came over loud enough for both to hear. "Tell your pal to forget about Violet, Joe. I've just called to tell her about his sunburn. She was quite upset. Said something about a wedding and a promise—"

Stanley's snug laugh came over the wire. "Violet asked me whether I had seen Lenny. I told her I saw him with a pretty girl in a raft a few hundred yards offshore."

Joe was about to shout something but Lenny shook his head for silence. "said," Stanley continued, "that being all alone on a raft with a pretty girl, way out in the water, would take any man's mind off the sun."

Lenny's mocking snicker was followed by a sudden sharp click.

"He's hung up," Joe said slowly. "The rat. Boy, that's the funniest double entendre I've heard of in years."

A raft and a girl. That'll take some talk explaining."

"No, it won't," Lenny said, after a pause. "You're crazy. Violet won't see you now in a million years."

"Of expect," Lenny said with a strange smile. "That she'll be here in five minutes. That Stanley was too smart for his own good." He winked at Joe. "That stuff about me being on a raft with a pretty girl."

There was a buzzing in the room. "Push the button near the door, will you, Joe?" That's the downstairs bell. Violet, no doubt. Coming to tell me she doesn't believe a word of Stanley's story."

I'd love to know what you're talking about, Lenny."

"That business about the raft a couple of hundred yards offshore. Do you think Violet will believe that? I almost drowned last year when the reason I dislike beaches. Yeah, yeah, I can't swim. Not one single stroke!"

Start Great Sweep

British Miners Have Big Job Of Clearing Coastal Waters

One hundred British mineworkers have begun the greatest sweep of the war, clearing the vast defensive mine barriers laid round the shores of Britain to protect coastal shipping, the admiralty announced.

A total of 100,000 moored mines were laid in these barriers during the war and although some broke away in gales and drifted ashore, thousands remain. In addition, hundreds of Axis mines lie outside the main wartime channels which were not swept during hostilities.

Since V-E day more than 2,000 mines have been swept, and during July mineworkers cleared them at the rate of 300 to 350 a week.

Java and Sumatra are among the most volcanic regions of the world.

Colored lenses in eyeglasses have been used since the middle of the 16th century.

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In another way, to take a long look over the peaceful landscape is soothing and lends itself to musing thoughts and the untroubled enjoyment of solitude or companionship."

SPREAD OF DANDELIONS

Canada had no dandelions before the arrival of the white man. The weeds came as stayaways on the first ships to land on these shores. Their phenomenal spread is due to nature's unaccountable determination to multiply the plant on a massive scale. Every minute seed in that large bowl-like seed is carried by the first breeze to be carried by the million over the landscape.

Before the crusades, sugar was not known in northern Europe. 2634

FISHING IS CANADA'S NATIONAL SPORT—Canada's fine fishing grounds are great tourist attractions and visitors come from all over for the sport. The beauty that Peggy Marchant displays here was caught after a real struggle. U.S. tourists in Ontario are permitted to send a day's legal catch home but many go far beyond that and ship large catches for sale against regulations.

IN SIMPLE TERMS

What Atom Is Has Been Described By A Layman

Here is a layman's description of the scientific terms which have been variously used in discussions of the atomic bomb which was dropped on Japan:

Atoms are the units of which all matter is made. There are 92 different kinds of these atoms, one for each of the 92 chemical elements. These 92 elements range from hydrogen, lightest in weight, up to uranium which is the most massive. In between lie carbon, tin, gold, radium and all the other known substances in the universe.

Every one of these 92 different kinds of atoms is made of exactly the same kind of small particles. The only difference between one atom and another is in the number of particles.

Hydrogen, for example, has three particles and uranium more than 100. The particles are electrons, which are negative bits of electricity, protons, which are positive bits of electricity, and neutrons, which have no electrical charge. Protons and neutrons both are nearly 2,000 times heavier than electrons.

Every one of the 92 atoms is made in the same pattern. Each one has a centre like the sun with electrons circling around it as the earth and other planets circle around the sun. The atom's sun is made up of protons and neutrons. The particles in each atom are held together by electrical attraction. These forces of attraction are relatively tremendous.

They are so great that it is almost impossible to drag an atom of any kind.

Splitting or smashing an atom means an attempt to knock out some of its electrical or non-electrical particles. This splitting is done by directing rays of millions of volts in electrical energy against atoms as targets. The rays usually are made of some of the particles that compose an atom, that is either electrons, protons or neutrons. Sometimes X-rays will damage an atom.

Smashing an atom is a misnomer. Atoms are so tough that no atom has ever been smashed by human means. The beat that has been done has been to knock a few of the particles out of an atom like chips chopped out of a tree.

Only one atom has ever been split. That atom is uranium 235. Uranium atoms when bombarded by the right kind of neutrons break into two nearly equal parts.

When uranium splits in two, some of the electrical attraction that held it together is given off in the form of electrical voltage. That voltage is the energy which makes the present atomic bomb.

HEAVY EXPORTER

During the period of the European war Canada's status rose to second place among world exporters. With about four-fifths of its foreign trade consisting of wartime commodities—finished materials and foodstuffs—its domestic exports in 1944 increased more than 271% in value over 1939, and commodity exports more than 300%.

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Interesting newswells: At Empress, Alta., the Canadian Girls in Training have celebrated their 25th year of continuous organization, which they think is a record in Canada for any group.

The farm owned by Rutherford McIlquham in Lennox County, Ontario, has been in possession of the one family for 124 years, the site originally chosen out of primeval wilderness. . . . The Watford, Ont., Guide-Advocate spoiled the record of a beautiful wedding by reporting "the roses were pink," apologized, the intention was to say "the roses were pink."

Rattlesnakes are numerous in parts of Alberta this year, gradually working their way north from haunts along the Milk River; two Medicine Hat citizens were bitten while working in their gardens recently. . . . British Columbia hears reports that Bleed, Stewart & Walsh Ltd., will build a new pulp mill near Fort Alberni, for a sulphate pulp to manufacture rayon. . . . Even better than a hole-in-one was the fact that two Powell River, B.C., residents got perfect 29 hands in cribbage. Hugh Scouse being one, while last July Sam Jackson was so favored. . . . Mrs. J. Bacon of Midland, Ont., has an ambitious Christmas cactus which has started its first blossoming this year. . . . Another Jersey cow in the hands of J. P. Norrie, Truro, N.S., wins honors for her junior 2-year-old record of 7,640 lbs. of milk, 420 lbs. of fat in 305 days with an average test of 5.62%.

her sire to be soon announced as a Superior Sire, first developed in the Maritimes. . . . Henry Cammidge of Amabel Twp. in Ont. has nine acres of fall wheat over six feet tall.

Post-war expansion: Pembina Mountain Clays Limited have completed installing new equipment for drying and pulverizing clays from the Morton district for the production of bonding clay used in moulding sand, which in turn is used in steel foundries for the production of castings.

May be the building of a \$150,000 or more activating plant for the bleaching of clays used in oil refineries, and the production of edible oils for packing houses.

Atomie, maybe. The possibility of growing two crops in the one field at the same time looks up to revolutionize the agricultural world. Wes. Pierce of Shiloh brought in a freak example to the Advertiser-Topic of Petrolia, Ont., from the farm of Len Brown, south of Inwood, in the form of growing potatoes with no tops at all. He planted a field of spuds in April, a quarter of which didn't grow. Upon investigating recently he found that a number of Katholcin brand he plants were providing new potatoes some of which were as big as hens eggs, although no signs of any stalks.

Community support: On the night of July 21 at Liverpool, N.S., some 3,500 people streamed through the ball park gates for the hazard in aid of the Queen's County hospital fund, and it is on record they spent a thousand dollars an hour. Thompson Bros. Machinery Co. of that place got the signal and in just 22 hours before hand built, furnished, decorated and wired eighteen booths for the affair.

Spectatorship: Gunner F. J. McArthur, a prominent rough rider before the war, dropped in on the Patterson Bros., stampede, missing the first two days, so he wasn't eligible to ride. He was spilling for a ride after being overseas, so the Patterson manager hearing about it put it up to the other cowboys. They said: "Sure, let him come into the finals as if he had been right through from the start." He won two prizes. This was at Grand Prairie, Alta.

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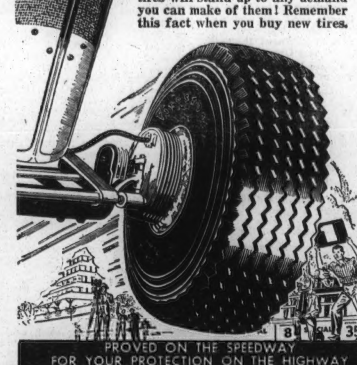
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Firestone

THE ONLY SYNTHETIC RUBBER TIRES MADE THAT ARE
SAFETY PROVED ON THE SPEEDWAY
AT 100 MILES PER HOUR!

Imagine the punishment these tires took in this grueling, torturing test of tire safety and endurance as Wilbur Shaw, the famous race driver, under supervision of the American Automobile Association, averaged 100.34 miles per hour for

500 miles on the Indianapolis Speedway—equal to 50,000 miles of ordinary driving. Not a single skid or blowout occurred in the entire 500 miles—at speeds up to 135 miles an hour—definite proof that Firestone Synthetic rubber tires will stand up to any demand you can make of them! Remember this fact when you buy new tires.



Canada's Northland

Arctic Considered One Of The Most Promising Areas On Continent

Dr. Ruth Gruber of Washington, field representative for the department of Northern Affairs, Canada, would do well to encourage more people to live in her Arctic northland because it is one of the most promising areas on the continent.

Dr. Gruber will travel from Edmonton to Fairbanks by road and make a detailed report to Washington on the post-war possibilities of the route.

Canada is doing a good job in opening up the north country, Dr. Gruber said, but there is a definite need for a much larger population before the real possibilities of the country are in full use.

Proper Food

Teaching Our People What To Eat Is War Lesson

One of the lessons learned from the war was that great numbers of our people have been suffering from some form of malnutrition and because of this many young men who offered their services to the armed forces were rejected on account of some physical condition which made them unfit for war duty. Even in New Brunswick it was found that hundreds of our people, including many who were farm dwellers, had been lacking in enough of the right kind of food. Now it is hoped to change this by teaching them what to eat.—Saint John Telegraph-Journal.

SELECTED RECIPES

ORANGE COFFEE CAKE
3 tablespoons shortening
1/2 cup sugar
1 egg, well-beaten
2 teaspoons grated orange rind
1/2 teaspoon almond extract
1 1/2 cups sifted flour
2 teaspoons baking powder
1/2 teaspoon salt
1/2 cup orange juice
1 cup milk

1 cup corn flakes
2 tablespoons sugar
2 teaspoons grated orange rind
1/2 teaspoon allspice
1 tablespoon melted butter
1/2 cup shortening and sugar. Stir thoroughly. Add egg, beat well. Stir in grated rind and flavouring. Sift flour, baking powder and salt together. Add to creamed mixture alternately with orange juice and milk, being very careful not to over-mix. Spread in greased baking pan. Crush corn flakes into fine crumbs; mix with sugar, orange rind, allspice and butter. Sprinkle over coffee cake. Bake in moderate oven (375 deg. F.) 20 minutes.

Yield: 9 squares (8 x 8-inch pan).

ESCALLOPED CORN WITH CHEESE
1 1/2 cups cream style corn
2 tablespoons chopped celery
2 tablespoons minced onion
1 teaspoon salt
2 cups whole wheat flakes
1 cup diced cheese
1 egg
1 cup milk
1/2 cup melted butter or shortening
1/4 teaspoon paprika

Combine corn, celery, onion and salt. Place in casserole in alternate layers with whole wheat flakes and cheese, about 1/2 cup whole wheat flakes. Beat egg; add milk and melted butter; pour over top. Cover with remaining whole wheat flakes and sprinkle with paprika. Bake in a moderately hot oven (400 deg. F.) about 30 minutes.

Yield: 6-7 servings (8 1/2 x 11-inch casserole).

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